

Fuel Suppliers and Hydrogen Producers Reporting GHG Emissions

Subpart P - Hydrogen Production
Subpart MM – Suppliers of Transportation Fuels
Subpart NN – Suppliers of Natural Gas and Natural Gas Liquids
Subpart PP – Suppliers of Carbon Dioxide

March 21, 2012

Presentation Slides Available Here:

http://www.arb.ca.gov/cc/reporting/ghg-rep/ghg-rep.htm

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This training is provided by ARB solely for informational purposes. It does not provide legal advice and does not have legally binding effect. This training does not supplant, replace or amend any of the legal requirements in the Regulation for the Mandatory Reporting of Greenhouse Gas Emissions, title 17, California Code of Regulations, sections 95100-95157. Conversely, any omission or truncation of regulatory requirements found within this training does not relieve any entity or person of their legal obligations to fully comply with all requirements of the regulation.

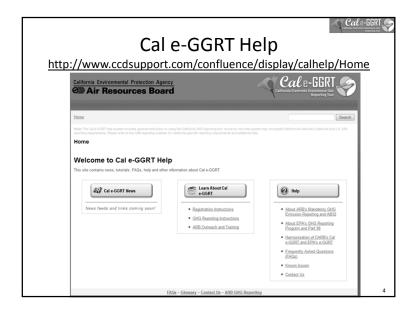
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Training Resources

Cal B-GGRT

- Reporting Guidance: Applicability, Metering http://www.arb.ca.gov/cc/reporting/ghg-rep/guidance/guidance.htm
- Cal e-GGRT Main Help Page http://www.ccdsupport.com/confluence/display/calhelp/Home
- U.S. EPA Detailed Sector Training Slides http://www.epa.gov/climatechange/emissions/training.html (use as a supplement to ARB summary slides)
- Tool Training: Registration, Subparts http://www.arb.ca.gov/cc/reporting/ghg-rep/tool/ghg-tool.htm
- Cal e-GGRT Sandbox Training Site https://ssldev.arb.ca.gov/Cal-eGGRT/



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Outline

- Define the regulatory basis for reporting
 - Which EPA and ARB regulations pertain to your reporting subpart?
- Overview of Cal e-GGRT
 - Registration
 - Tabs (Home, Facility Management, Data Reporting)
 - Adding Subparts to define your facility reporting footprint
- Data reporting for your Subpart

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Subpart P ARB Regulatory Basis for Reporting Date 1/1/2012 California Air Resources Board MRR Regulation for the Mandatory Reporting of Greenhouse Gas Emissions, title 17, California Code of Regulations, Sections 95100-95157 http://www.arb.ca.gov/cc/reporting/ghg-rep/regulation/2010_regulation.htm 12/17/2010 Corrects technical and editorial errors, and clarifies rule provisions for subparts C, D, E, F, G, H, K, N, O, P, Q, R, S, V, X, Z, AA, BB, CC, EE, GG, HH, JJ, NN, OO and PP. Preamble and Rule (PDF) (81 pp, 667K)

Corrects technical and editorial errors, and clarifies rule provisions for subparts E, H, K, N, O,

10/30/2009 Finalizes the mandatory reporting of 30 source categories for Reporting Year 2010. These comprise subparts: A, C, D, E, F, G, H, N, O, P, Q, R, S, U, V, X, Y, Z, AA, BB, CC, EE, GG, HH, JJ, LL, MM, NN, OO, and PP.

Preamble and Rule (PDF) (261 pp, 2.6MB)

P, Q, S, V, Z, CC, EE, GG, HH, LL, and NN.

Preamble and Rule (PDF) (47 pp, 376K)

10/28/2010

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Subpart MM ARB Regulatory Basis for Reporting

Date	Action
1/1/2012	California Air Resources Board MRR Regulation for the Mandatory Reporting of Greenhouse Gas Emissions, title 17, California Code of Regulations, Sections 95100-95157 http://www.arb.ca.gov/cc/reporting/ghg-rep/regulation/2010 regulation.htm
10/28/2010	Corrects technical and editorial errors, and clarifies rule provisions for subparts E, H, K, N, O, P, Q, S, V, Z, CC, EE, GG, HH, LL, and NN. <u>Preamble and Rule (PDF)</u> (47 pp, 376K) (MM also addressed)
10/30/2009	Finalizes the mandatory reporting of 30 source categories for Reporting Year 2010. These comprise subparts: A, C, D, E, F, G, H, N, O, P, Q, R, S, U, V, X, Y, Z, AA, BB, CC, EE, GG, HH, JJ, LL, MM, NN, OO, and PP. <u>Preamble and Rule (PDF)</u> (261 pp, 2.6MB)

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Subpart NN ARB Regulatory Basis for Reporting

(Cal e-GGRT

Date	Action
1/1/2012	California Air Resources Board MRR Regulation for the Mandatory Reporting of Greenhouse Gas Emissions, title 17, California Code of Regulations, Sections 95100-95157 http://www.arb.ca.gov/cc/reporting/ghg-rep/regulation/2010 regulation.htm
12/17/2010	US EPA - Corrects technical and editorial errors, and clarifies rule provisions for subparts C, D, E, F, G, H, K, N, O, P, Q, R, S, V, X, Y, Z, AA, BB, CC, EE, GG, HH, JJ, NN, OO and PP. <u>Preamble and Rule (PDF)</u> (81 pp, 667K)
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Subpart PP ARB Regulatory Basis for Reporting

Date	Action
1/1/2012	California Air Resources Board MRR Regulation for the Mandatory Reporting of Greenhouse Gas Emissions, title 17, California Code of Regulations, Sections 95100-95157 http://www.arb.ca.gov/cc/reporting/ghg-rep/regulation/2010 regulation.htm
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Overview of Cal e-GGRT Operation

- Registration old and new reporters.
- Input required facility information.
- Adding subparts for reporting.
- Entering emissions data.
- Data reporting mechanisms.
 - Direct interface, XML spreadsheet uploads, spreadsheet attachments (varies by sector)
- Validation messages.

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- Cal e-GGRT is the system used to report all data required by the GHG mandatory reporting regulation.
- The tool contains modules for each sector required to report.
 - Also includes modules for Fee Regulation and SF₆
- Multiple users can be associated with a single facility or entity.
- Verifiers can be associated with facilities and entities in the tool for data review purposes.

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Cal E-GG

Registration

- Need an ARB Registration Code to register in Cal e-GGRT
 - New reporters must request an ARB Registration Code prior to registration. Send an e-mail request to

ghgreport@arb.ca.gov

March 1: Registration and System Overview

A brief overview of registering in the new Cal e-GGRT system and overall system operation.

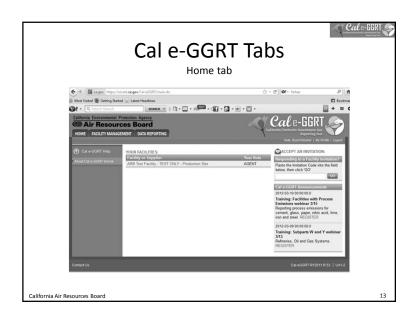
Slides: 1-per-page (color) 4-per-page (B&W)
Detailed Registration Instructions

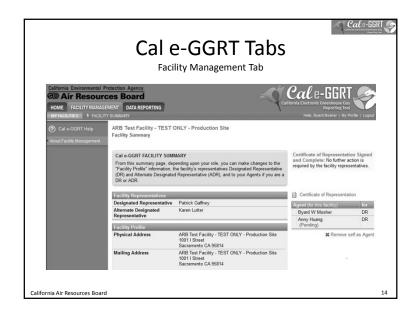
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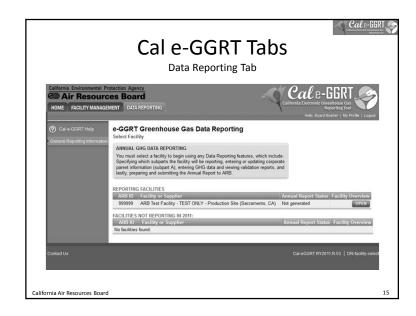
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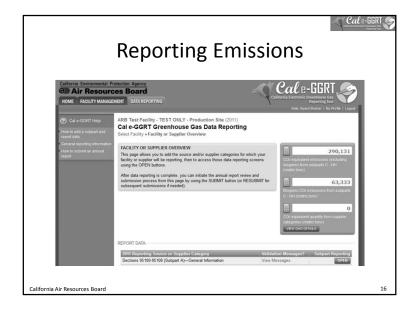
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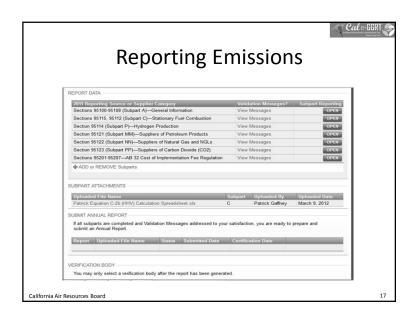
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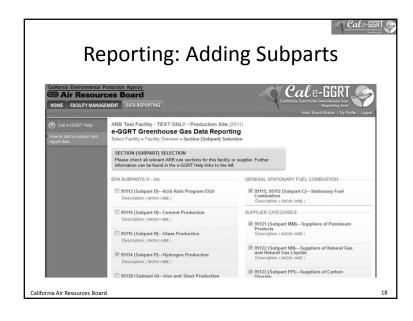


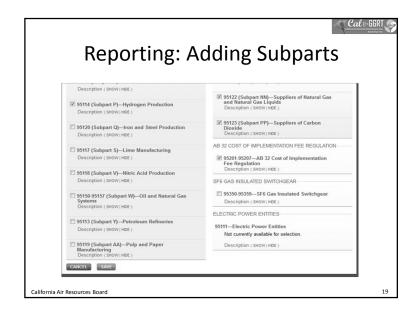


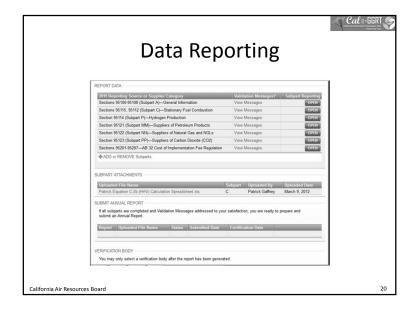


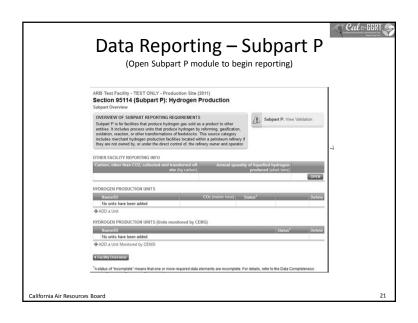


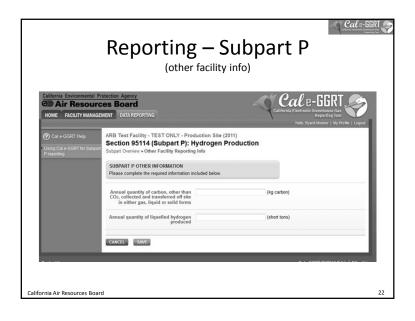


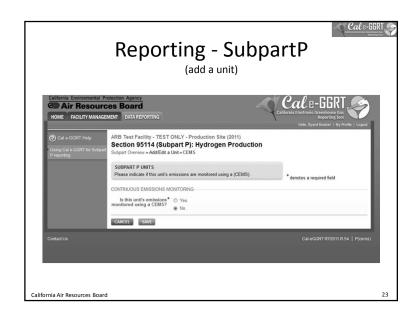


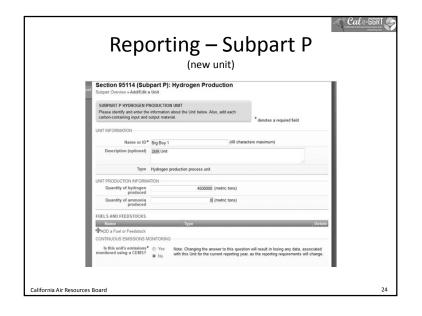


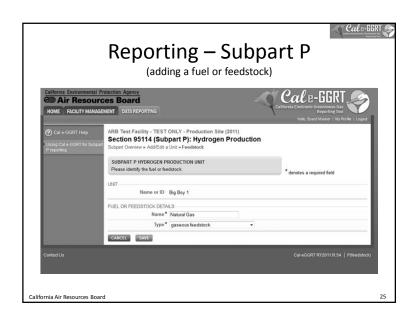


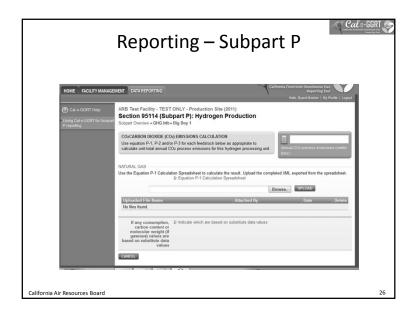


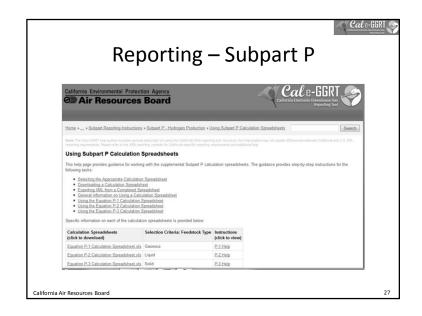


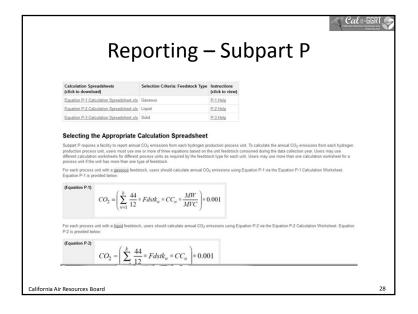


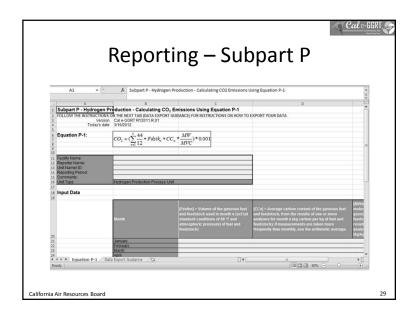


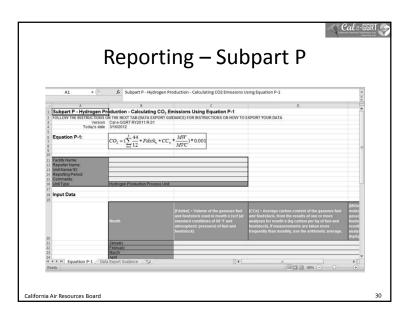


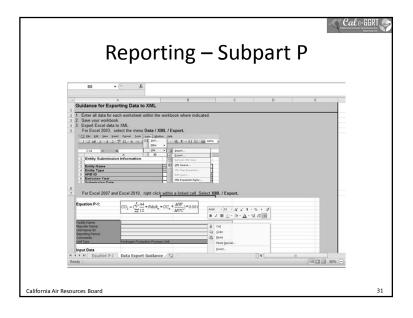








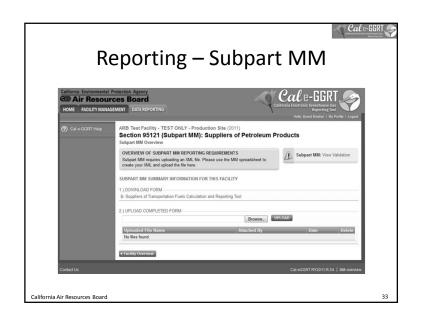


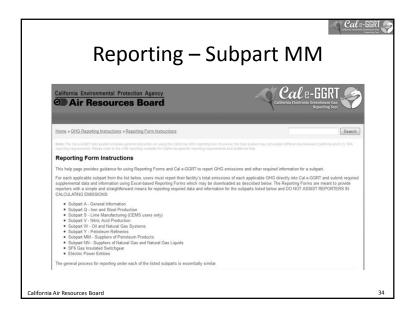


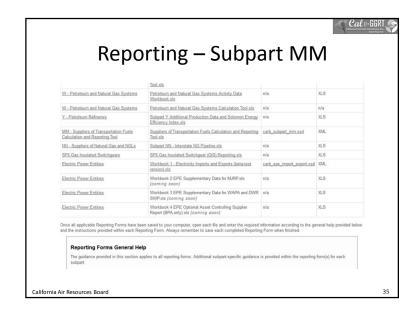
Additional Information for Hydrogen Producers who also report as Suppliers of Carbon Dioxide

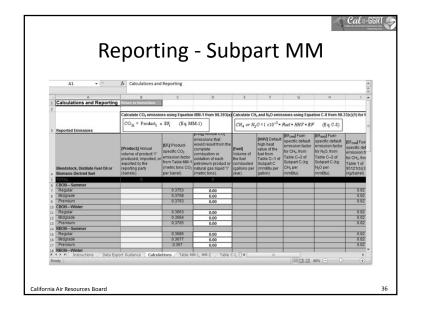
- Does your facility capture and sell CO₂?
- If you are required to report under Subpart PP (Suppliers of CO₂)- there is the possibility of double-counting "transferred CO₂" emissions.
- Use the provision in 95114(g) to subtract emissions that are reported using other calculation methods from your facility total.
- ARB will issue guidance on this topic.

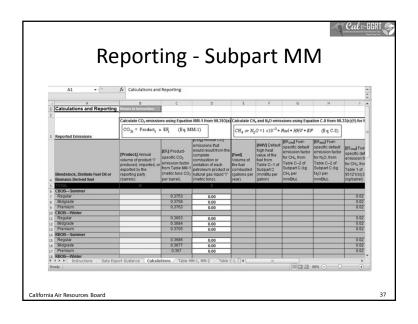
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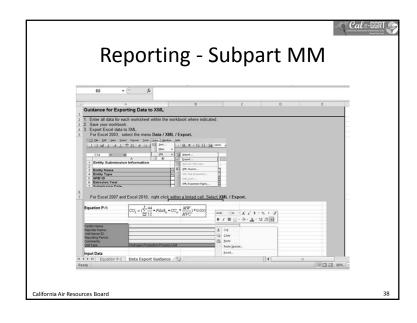


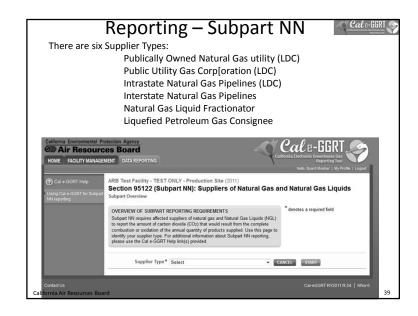


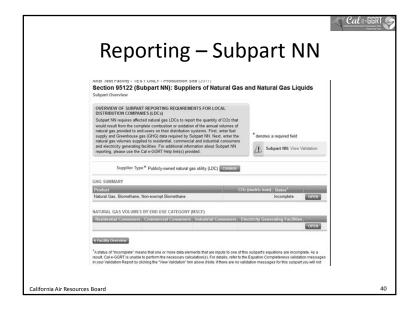


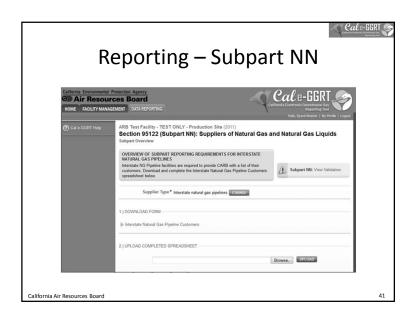


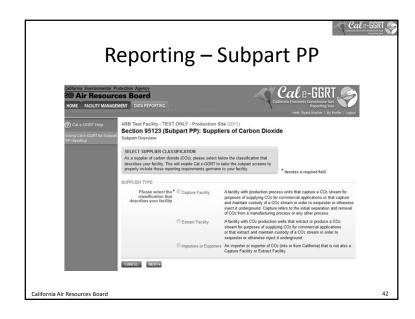


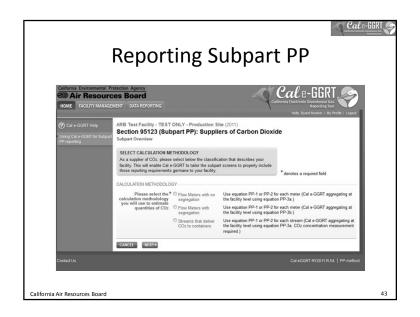


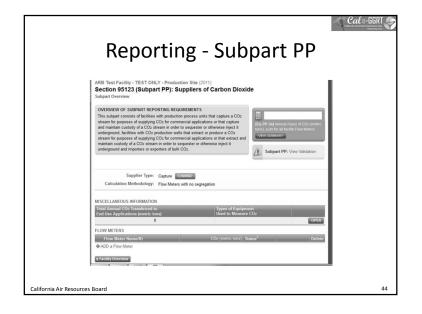


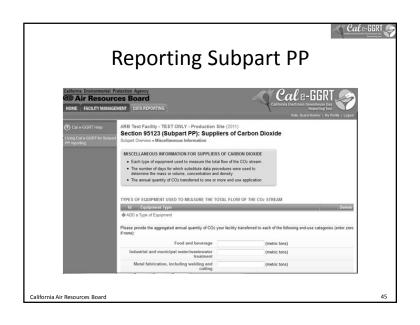


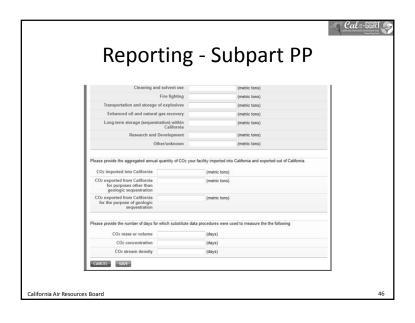


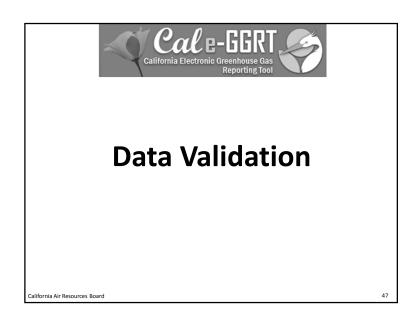


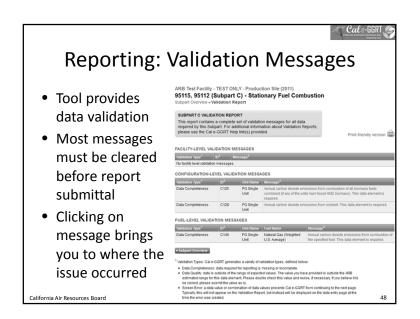












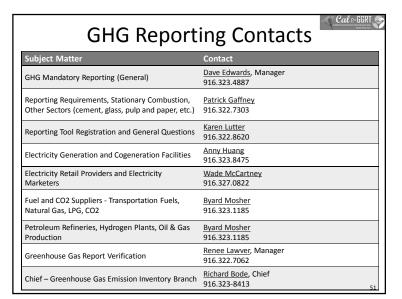
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Key Reporting Dates

- See **Key Dates** web page for specific dates applicable to reporting year
- http://www.arb.ca.gov/cc/reporting/ghgrep/ghg-rep-dates.htm
- Actual Reporting Dates may differ from dates specified in the regulation if the specified dates fall on a Saturday, Sunday, or Holiday
- Key Dates page is updated annually with required submission dates

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For More Information

- GHG Reporting Website
 - http://www.arb.ca.gov/cc/reporting/ghg-rep/ghg-rep.htm
- See website for:
 - Regulation reporting guidance and fact sheets
 - Reporting tool information
 - "Clean" copy of the regulation (no underline/strikeout)
 - Sector specialist contacts
- Email reporting tool questions to: ghgreport@arb.ca.gov

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